RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 09/063,356
Source:
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RAW SEQUENCE LISTING DATE: 03/01/2005
PATENT APPLICATION: **US/09/063,356** TIME: 10:29:21

Input Set : **N:\Crf3\RULE60\09063356.raw.txt**
Output Set: **N:\CRF4\02282005\I063356.raw**

SEQUENCE LISTING

(1) GENERAL INFORMATION:

(i) APPLICANT: Beattie, Kenneth L.

(ii) TITLE OF INVENTION: Microfabricated, Flowthrough Porous Apparatus for Discrete Detection of Binding Reactions

(iii) NUMBER OF SEQUENCES: 17

(iv) CORRESPONDENCE ADDRESS:

(A) ADDRESSEE: Vinson & Elkins

(B) STREET: 1455 Pennsylvania Avenue, N.W.

(C) CITY: Washington

(D) STATE: D.C.

(E) COUNTRY: U.S.A.

(F) ZIP: 20004-1008

(v) COMPUTER READABLE FORM:

(A) MEDIUM TYPE: Floppy disk

(B) COMPUTER: IBM PC compatible

(C) OPERATING SYSTEM: PC-DOS/MS-DOS

(D) SOFTWARE: PatentIn Release #1.0, Version #1.25

(vi) CURRENT APPLICATION DATA:

C--> **(A) APPLICATION NUMBER: US/09/063,356**

C--> **(B) FILING DATE: 21-Apr-1998**

(C) CLASSIFICATION:

(vii) PRIOR APPLICATION DATA:

(A) APPLICATION NUMBER: US/08/631,751

(B) FILING DATE: 10-April-1996

(viii) ATTORNEY/AGENT INFORMATION:

(A) NAME: Sanzo, Michael A.

(B) REGISTRATION NUMBER: 36,912

(C) REFERENCE/DOCKET NUMBER: HARC0001

(ix) TELECOMMUNICATION INFORMATION:

(A) TELEPHONE: (202)639-6500

(B) TELEFAX: (202)639-6604

(2) INFORMATION FOR SEQ ID NO: 1:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 130 base pairs

(B) TYPE: nucleic acid

(C) STRANDEDNESS: double

(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: cDNA

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:

GCAAGCTTGC TGGTGAAAAG GACCTCTCGA AGTGTTGGAT ATAGGCCAGA CTTTGTTGGA 60

TTTGAAATTC CAGACAAGTT TGTTGTTGGA TATGCCCTTG ACTATAATGA GTACTTCAGG 120

GATTTGAATC 130

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(2) INFORMATION FOR SEQ ID NO: 2:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 57 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: double
(D) TOPOLOGY: linear
(ii) MOLECULE TYPE: DNA (genomic)
(vi) ORIGINAL SOURCE:
(A) ORGANISM: hamster, human and mouse
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:
AACAGCTTGC TGGTGAAAAG GACCYCTMGA AGTGTTGGAT AYARGCCAGA CTGTAAG 57

(2) INFORMATION FOR SEQ ID NO: 3:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 47 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: double
(D) TOPOLOGY: linear
(ii) MOLECULE TYPE: DNA (genomic)
(vi) ORIGINAL SOURCE:
(A) ORGANISM: CHO cells
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:
AACAGCTTGC TGGTGAAAAG GACCTCTCAT ATAGGCCAGA CTGTAAG 47

(2) INFORMATION FOR SEQ ID NO: 4:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 87 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: double
(D) TOPOLOGY: linear
(ii) MOLECULE TYPE: DNA (genomic)
(vi) ORIGINAL SOURCE:
(A) ORGANISM: hamster, human and mouse
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:
TACAGTTGTT GGATTTGAAA TTCCAGACAA GTTTGTTGTW GGATATGCCC TTGACTATAA 60
TGARTACTTC AGGRATTTGA ATGTAAT 87

(2) INFORMATION FOR SEQ ID NO: 5:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 87 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: double
(D) TOPOLOGY: linear
(ii) MOLECULE TYPE: DNA (genomic)
(vi) ORIGINAL SOURCE:
(A) ORGANISM: CHO cells
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:
TACAGTTGTT GGATTTGGAA TTCCAGCAAG TTTGTTGTTG GATATGCCCT TGACTATAAA 60
TGAGTACTTC AGGCATTTGA ATGTAAT 87

(2) INFORMATION FOR SEQ ID NO: 6:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 24 base pairs

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149           (B) TYPE: nucleic acid
150           (C) STRANDEDNESS: both
151           (D) TOPOLOGY: linear
153     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:
155 GTTCTATTGT CTTTCCCATA TGTC                                          24
158 (2) INFORMATION FOR SEQ ID NO: 7:
160      (i) SEQUENCE CHARACTERISTICS:
161           (A) LENGTH: 25 base pairs
162           (B) TYPE: nucleic acid
163           (C) STRANDEDNESS: both
164           (D) TOPOLOGY: linear
167     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:
169 TCAGTCTGGT CAAATGACGA GGTGC                                         25
172 (2) INFORMATION FOR SEQ ID NO: 8:
174      (i) SEQUENCE CHARACTERISTICS:
175           (A) LENGTH: 24 base pairs
176           (B) TYPE: nucleic acid
177           (C) STRANDEDNESS: both
178           (D) TOPOLOGY: linear
180     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:
182 CTGTGATTCT TTACAGTTGT TGGA                                          24
184 (2) INFORMATION FOR SEQ ID NO: 9:
186      (i) SEQUENCE CHARACTERISTICS:
187           (A) LENGTH: 26 base pairs
188           (B) TYPE: nucleic acid
189           (C) STRANDEDNESS: both
190           (D) TOPOLOGY: linear
192     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:
194 CATTAATTAC ATTCAAATCC CTGAAG                                        26
197 (2) INFORMATION FOR SEQ ID NO: 10:
199      (i) SEQUENCE CHARACTERISTICS:
200           (A) LENGTH: 11 base pairs
201           (B) TYPE: nucleic acid
202           (C) STRANDEDNESS: both
203           (D) TOPOLOGY: linear
205     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 10:
207 ACTCATTTAT A                                                        11
210 (2) INFORMATION FOR SEQ ID NO: 11:
212      (i) SEQUENCE CHARACTERISTICS:
213           (A) LENGTH: 10 base pairs
214           (B) TYPE: nucleic acid
215           (C) STRANDEDNESS: both
216           (D) TOPOLOGY: linear
218     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 11:
220 TATATGAGAG                                                         10
223 (2) INFORMATION FOR SEQ ID NO: 12:
225      (i) SEQUENCE CHARACTERISTICS:
226           (A) LENGTH: 10 base pairs
227           (B) TYPE: nucleic acid
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(C) STRANDEDNESS: both
(D) TOPOLOGY: linear
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 12:
ATTCCAAATC 10
(2) INFORMATION FOR SEQ ID NO: 13:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 10 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: both
(D) TOPOLOGY: linear
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 13:
TCCAACAACT 10
(2) INFORMATION FOR SEQ ID NO: 14:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 10 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: both
(D) TOPOLOGY: linear
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 14:
ATTTCAAATC 10
(2) INFORMATION FOR SEQ ID NO: 15:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 10 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: both
(D) TOPOLOGY: linear
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 15:
ACAAACTTGT 10
(2) INFORMATION FOR SEQ ID NO: 16:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 10 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: both
(D) TOPOLOGY: linear
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 16:
ACTCATTATA 10
(2) INFORMATION FOR SEQ ID NO: 17:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 11 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: both
(D) TOPOLOGY: linear
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 17:
AATTACATTC A 11

VERIFICATION SUMMARY DATE: 03/01/2005
PATENT APPLICATION: **US/09/063,356** TIME: 10:29:22

Input Set : **N:\Crf3\RULE60\09063356.raw.txt**
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L:27 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]
L:28 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]